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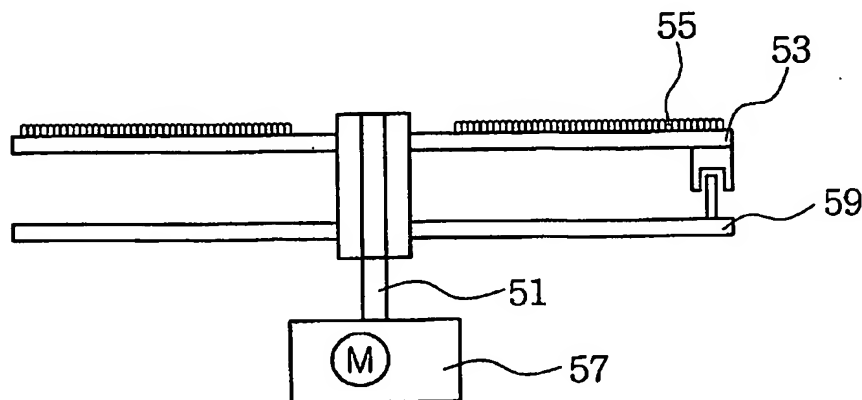
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(54) Title: THE ROTATING TYPE ELECTRIC SIGN BOARD AND METHOD FOR DRIVING THEREOF



(57) Abstract: A rotary electronic display board and a method for driving the same. The rotary electronic display board switches individual LEDs on or off at their correct positions irrespective of a variation in rotation speed of a drive motor, and correctly and sharply indicates text and image data without using a high-priced encoder, such that it can reduce its own production cost and increase the price competitiveness of a product. The rotary electronic display board includes: a drive motor for rotating a rotary shaft at a predetermined speed; a revolution solid connected to the rotary shaft, which rotates with a predetermined turning radius; an LED array arranged on the revolution solid; an origin pulse generator for generating an origin pulse whenever the revolution solid rotates once; a line pulse generator for calculating a rotation period of the revolution solid using the origin pulse, and generating a plurality of line pulses each having a period corresponding to a division result value which is acquired by dividing the rotation period of the revolution solid by the number of virtual areas separated along the turning radius of the revolution solid; and a controller for generating a control signal to selectively switch on or off the LED array so that desired text and image data is displayed at each line pulse generation time.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*